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			At	torney	Docket	No.	29936/	39473		
UTILITY		Fi	rst Inve	entor	Dor	ng et al.				
	PATENT APPLICATION TRANSMITTAL			Title METHOD OF MANUFACTURING FLASH MEMODEVICE					G FLASH MEMORY	
(Only for new nonprovisional applications under 37 CFR 1.53(b))			` "	Express Mail Label No. EV 323 771 513 US						
		CATION ELEMENTS	ion content	ts.	ΑĹ	DDRE	ESS TO:	Comm P.O. B	issio ox 1	Patent Application ner for Patents 450 VA 22313-1450
2. Applican See 37 ( 3. X Specifica INCLUDIN 1 1 1 1 1 3	original, a It claims : CFR 1.27 ation NG: Title Page	[Total Pages   Specification	19		a. [	Comp cleotide ipplicab Con Specifica	ole, all neces inputer Read ation Seque CD-ROM	m (Append ino Acid Se ssary) dable Form ence Listing M or CD-R (	ix) quen (CR on: (2 co	ce Submission F)
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a. X Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).			14 18 16	4. X 5. X 6.	Return (Shou (Certifi (if foreign	n Receipt Poll be specified Copy of ign priority is cublication Recent must at	ostcard (Mi fically itemia Priority Doc claimed) equest und	z <i>ed)</i> cume er 35	•	
6. X Applicati	on Data	Sheet. See 37 CFR 1.76								
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		19.	CORRE	SPON	DENCE	ADDF	RESS			
X Custome	X Customer Number or Bar Code Label 04743 or X Correspondence address below									
Name	Nabe	SHALL, GERSTEIN & ela R. McMillian		IN LL	Р		· · · · · · · · · · · · · · · · · · ·			
Address		S. Wacker Drive, Suite s Tower	6300							
City	Chica		State	П	 L			Zip Code	60	606-6357
Country	US		Telepho	ne (	312) 4	74-63	300	Fax		312) 474-0448
Name (Print/	Туре)	Nabeela R. McMillia	n		Regi	stration	No. (Attorn	ney/Agent)	T	43,363

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Dated: July 14, 2003

Signature

Signature: Try

(Richard Zimmermann)

July 14, 2003

Date





PTO/SB/17 (01-03)
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CCC TDANIONITTAL		Compl t if Known						
FEE TRANSMITTAL		Application Number Not Yet Assigned						
for FY 2003		Filing	Date			July 14, 2003 (herewith)		
Patent fees are subject to annual revision.		First Named Inventor Dong et al.			l.			
ratent rees are subject to annual revision.		Examiner Name Not Yet Assigned			ssigned			
Applicant claims small entity status. See 37 CFR 1.27		Group Art Unit Not Yet Assigned				ssigned		
TOTAL AMOUNT OF PAYMENT (\$) 750.00		Attorne	ey Do	cket No		29936/394	473	
METHOD OF PAYMENT (check all that apply)				FEE	CALCUI	LATION (cor	ntinued)	
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Account 13-2855	Fee	Fee	Fee	Fee	•	Fee Desci	ription	E B - ! -
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Account	1051	130	2051	65	-	- late filing fee		
Name BORUN LLP The Commissioner is hereby authorized to: (check all that apply)	1052	50	2052	25	Surcharge sheet.	- late provisio	nal filing fee or cover	
Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-Englis	sh specification	· 1	
Charge any additional fee(s) during the pendency of this application	1812	2,520	1812	2,520	For filing a	request for ex p	arte reexamination	
	1804	920*	1804	920*	Requesting Examiner	g publication of	f SIR prior to	
	1805	1,840*	1805	1,840*	<b>-</b>	g publication of	f SIR after	
FEE CALCULATION	1251	110	2251	55		action for reply within	first month	
	1252	410	2252	205	Extension	for reply within	second month	
Large Entity Small Entity	1253	930	2253	465	Extension	for reply within	third month	
Fee Fee Fee Fee Fee Description  Fee Paid	1254	1,450	2254	725	Extension	for reply within	fourth month	
	1255	1,970	2255	985	Extension	for reply within	fifth month	
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of A	Appeal		
1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing a bri	ief in support o	f an appeal	
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request fo	or oral hearing		
1005 160 2005 80 Provisional filing fee	1451	1,510	1451		Petition to	institute a pub	lic use proceeding	
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Claims below Fee Paid	1502	470	2502	235	Design iss	ue fee		
	1503	630	2503	315	Plant issue	e fee		
Independent	1460	130	1460	130	Petitions to	o the Commiss	sioner	
Multiple Dependent \$ 280.00 = 0.00	1807	50	1807	50	Processing	g fee under 37	CFR 1.17(q)	
Large Entity Small Entity	1806	180	1806	180	Submissio	n of Informatio	n Disclosure Stmt	
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1202 18 2202 9 Claims in excess of 20	1809	750	2809	375	Filing a su	ıbmission after		
1201 84 2201 42 Independent claims in excess of 3					(37 CFR 1	I.129(a)) additional inver	ntion to be	
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375		(37CFR 1.129		
1204 84 2204 42 ** Relssue independent claims over original patent	1801	750	2801	375			xamination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900		or expedited ex n application	kamination	<u> </u>
	Other	fee (spe	cify)					
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**or number previously paid, if greater; For Reissues, see above								
SUBMITTED BY						Complete (	(if applicable)	
Name (Print/Type) Naheela R McMillian	Regist	ration No	p	43 363		Telephone	(312) 474-630	0

SUBMITTED BY				Complete (	if applicable)
Name (Print/Type)	Nabeela R. McMillian	Registration No. (Attorney/Agent)	43,363	Telephone	(312) 474-6300
Signature	Westerful.			Date	July 14, 2003
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1450, on the date shown below.	1/       //	
Dated: July 14, 2003	Signature: Kradul A	(Richard Zimmermann)

## **SHIN & KIM**

Sheet No. 3

Date: June 26, 2003

## **INFORMATION SHEET**

(Po030105HD)

Provisional Title: Method of manufacturing flash memory device

Corresponding Original Application:

Application No. : 2002-84331 (Patent)
Filing Date : December 26, 2002
Country : Republic of Korea

Assignment Date:

Assignee: (Applicant)

Hynix Semiconductor Inc.

San 136-1, Ami-Ri, Bubal-Uep, Ichon-Shi, Kyungki-Do,

Republic of Korea

Nationality: Republic of Korea

Assignor(s): (Inventor(s))

1. Cha Deok DONG

Dongyang Apt. 101-704, 322, Songjung-Dong,

Ichon-Shi, Kyungki-Do

Nationality: Republic of Korea

2. Ho Min SON

Hyundai Sawon Apt. 102-606, 441-1,

Sadong-Ri, Daewol-Myun, Ichon-Shi, Kyungki-Do

Nationality: Republic of Korea

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Total Number of Pages in This Submission

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## **TRANSMITTAL FORM**

(to be used for all correspondence after initial filing)

Application Number	Not Yet Assigned			
Filing Date	July 14, 2003 (herewith)			
First Named Inventor	Dong <i>et al.</i>			
Group Art Unit	Not Yet Assigned			
Examiner Name	Not Yet Assigned			
Attorney Docket Number	29936/39473			

ENCLOSURES (check all that apply)							
X Fee Transm	ittal Form	Assignment Papers (for an Application)	After Allowance Communication to Group				
X Fee At	ttached	X Drawing(s)	Appeal Communication to Board of Appeals and Interferences				
Amendment/Reply		Licensing-related Papers	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)				
After F	Final	Petition	Proprietary Information				
Affidav	vits/declaration(s)	Petition to Convert to a Provisional Application	Status Letter				
Extension of	Time Request	Power of Attorney, Revocation Change of Correspondence Address	X Other Enclosure(s) (please identify below)				
Express Abandonment Request  Information Disclosure Statement		Terminal Disclaimer	Return receipt postcard; Declaration for Patent Application				
		Request for Refund	and Power of Attorney				
X Certified Copy of Priority Document(s)		CD, Number of CD(s)					
Response to Incomplete A	Missing Parts/ Application	Remarks					
	onse to Missing Parts 37 CFR 1.52 or 1.53						
	SIGNA	TURE OF APPLICANT, ATTORNEY, OR A	AGENT				
Firm <i>or</i> Individual Name	MARSHALL, GERSTEIN & BORUN LLP Name Name Name						
Signature	Malerkeels:						
Date	July 14, 2003						

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US, in an envelope addressed to: Mail Stop Patent App	lication, Cømmiiasioi	ner for Patents, P.O. Bo	x 1450, Alexandria, VA 22313-
1450, on the date shown below.	///		
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Dated: July 11, 2003

Signature: Kichaul JummllMa (Richard Zimmermann)